

# AUSTRALIAN DENTAL JOURNAL

## INDEX

Volume 44, Numbers 1-4  
1999

### A

- ABBOTT P. A retrospective analysis of the reasons for, and the outcome of, conservative endodontic re-treatment and periradicular surgery. S3
- ABDUL RAMAN R, MACDONALD R, TOWNSEND G, TAYLOR J. Growth trends in South Australian children and adolescents. S13
- ABFRACTION  
Khan F, Young WG, Shahabi S, Daley TJ. Dental cervical lesions associated with occlusal erosion and attrition. 176
- ABORIGINAL  
Martin-Iverson N, Phatouros A, Tennant M. A brief review of indigenous Australian health as it impacts on oral health. 88
- ACTON C, NIXON J, PEARNS J, WILLIAMS D, LEDITSCHKE F. Facial burns in children: A series analysis with implications for resuscitation and forensic odontology. 20
- ADELUSOLA KA, DUROSINMI MA, UGBOKO VI, NDUKWE KC. See Ugboko VI, Ndukwe KC, Adelusola KA, Durosini MA.
- ADENOMATOID HYPERPLASIA  
Chen YK, Lin CC, Lin LM, Yan YH. Adenomatoid hyperplasia in the mandibular retromolar area. Case report. 135
- AETIOLOGY  
Sugerman PB, Savage NW. Current concepts in oral cancer. 147
- AGEING  
Yamaoka M, Furusawa K, Ikeda M, Hasegawa T. Root resorption of mandibular second molar teeth associated with the presence of the third molars. 112
- ALVEOLAR CREST  
Nicooulou-Karayanni K, Diamanti-Kipioti A. Radiographic appearance of alveolar osseous defects in relation to their anatomic location. 117
- AMELOBLASTOMA  
Iordanidis S, Makos Ch, Dimitrakopoulos J, Kariki H. Ameloblastoma of the maxilla. Case report. 51
- ANAPHYLACTIC REACTION  
Bircher AJ, Surber C. Anaphylactic reaction to lidocaine. (Letter to the Editor.) 64

ANIL S, LAL PM, GILL DS, BEENA VT. Metastasis of thyroid carcinoma to the mandible. Case report. 56

### APLASIA

Leong P, Calache H. Bilateral congenitally missing maxillary canines. A case report. 279

ARORA R, FUNG S, HATZIS E, NGUYEN T, SAN A, THOMAS K, JOHN V, BREARLEY MESSER L. See John V, Brearley Messer L, Arora R, Fung S, Hatzis E, Nguyen T, San A, Thomas K.

### ARTHROSCOPY

Curtis N. Temporomandibular joint arthroscopy. (Letter to the Editor.) 285

Rosenberg I, Goss AN. The outcome of arthroscopic treatment of temporomandibular joint arthropathy. 106

### ASSOCIATIONS, AFFILIATED SOCIETIES

International Association for Dental Research Australian and New Zealand Division. 69

ATKINS DR, MACFARLANE RH, CLARKSON RM, WHITEHEAD MG, BROCKHURST PJ, MOULE AJ, LAM TV, LEWIS DJ. See Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ.

### ATTRITION

Khan F, Young WG, Shahabi S, Daley TJ. Dental cervical lesions associated with occlusal erosion and attrition. 176

### AUSTRALIA

Martin-Iverson N, Phatouros A, Tennant M. A brief review of indigenous Australian health as it impacts on oral health. 88

### AUSTRALIAN DENTAL ASSOCIATION

ADA Federal Executive and Standing Committees 1998-2000. 65

Federal President 1998-2000. 65

### AUSTRALIAN DENTAL JOURNAL

Guidelines for authors. 61, 145

Referees 1999. 286

### AUSTRALIAN DENTAL RESEARCH FOUNDATION

Research grant applications 1999. 64, 294

### Colin Cormie Scholarship Abstracts

Kendall Fletcher E, Phillips W, Lavidis NA. A potential role for neurotrophic factors during the changes in synaptic transmission induced by chronic morphine treatment. S21

Mathew R, Spencer AJ, Chalmers J. Adelaide dentists' involvement in dental care for nursing home residents. S22

Pacza TJ, Tennant M. The development and implementation of a dental training program for Aboriginal Health Workers in the Kimberley, Western Australia. S23

### Research Grant Abstracts

Abbott P. A retrospective analysis of the reasons for, and the outcome of, conservative endodontic re-treatment and periradicular surgery. S3

Burrow MF, Phrukkanon S, Tyas MJ. The influence of hybrid layer modification on bond strengths to bovine dentine. S4

Curtis NJ, Lauto A, Trickett R, Owen E, Walker DM. Laser activated solder weld repair of the inferior alveolar nerve in rats. S5

Dashper SG, Hoffmann B, O'Brien-Simpson N, Slakeski N, Reynolds E. An expression system for recombinant *Porphyromonas gingivalis* cell surface proteins. S5

Gemmell E, Winning TA, Bird PS, Seymour GJ. Local and systemic T cell responses to *Porphyromonas gingivalis* in an animal model. S6

Ho CTC, Freer TJ. Tooth width analysis simplified. S7

Howe AM, Webster WS. Three-dimensional reconstruction of a human embryo from serial sections. S7

Li H, Tyas MJ, Burrow MF. Nanoleakage of four dentine adhesive systems. S8

Morris ML, Andrews RH, Rogers AH, Ellis DH. Investigation of the genetic relationships within the genus *Candida* using allozyme electrophoresis. S9

Ong CKL, Harbrow D, Taverne AAR, Symons AL. Orthodontic tooth movement in the prednisolone-treated rat. S9

Philips JR, Massey WLK, Hunter N. The role of the CD5<sup>+</sup>B lymphocyte subset in the immune response: an evolutionary perspective. S9

Song DD, Jacques NA. Characterization of the fructosyltransferase from *Streptococcus salivarius*. S10

Worapamorn W, Li H, Hasse HR, Pujic Z, Girges AA, Bartold PM. Cell surface proteoglycan expression by human periodontal cells. S11

Yan F, Marshall R, Wynne S, Xiao Y, Bartold PM. Glycosaminoglycans in gingival crevicular fluid of patients with periodontal degree II furcation involvement before and after guided tissue regeneration. S12

### Research Reports

Acton C, Nixon J, Pearn J, Williams D, Leditschke F. Facial burns in children: A series analysis with implications for resuscitation and forensic odontology. 20

Cernavin I, Hogan SP. The effects of the Nd:YAG laser on amalgam dental restorative material. 98

Khan F, Young WG, Shahabi S, Daley TJ. Dental cervical lesions associated with occlusal erosion and attrition. 176

Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ. Changes in root canal morphology in simulated curved canals over-instrumented with a variety of stainless steel and nickel titanium files. 12

McNally KM, Gillings BRD, Dawes JM. Dye-assisted diode laser ablation of carious enamel and dentine. 169

Rich AM, Kerdpon D, Reade PC. p53 expression in oral precancer and cancer. 103

Wilson DF, De-Jun J, Pierce AM, Wiebkin OW. Oral cancer: Role of the basement membrane in invasion. 93

### Treibtsch Grant Abstract

Le T-PV, Jones M, Savage NW, Walsh LJ. An assessment of the microbial quality of water from dental unit water lines. S21

### Undergraduate Student Vacation Research Grant Abstracts

Abdul Raman R, Macdonald R, Townsend G, Taylor J. Growth trends in South Australian children and adolescents. S13

- Chow Y, Zoellner H. Study of albumin cleavage in granulation tissue. S13
- Dondzilo A, Bishop BM. Flexural bond strengths of two flowable composites in an *in vitro* repair situation. S14
- Gebauer D, Gorjy S. An investigation into the relationship between loss of masticatory performance and colorectal cancer. S14
- Hogan L, Dashper SG, Reynolds EC. Arg-specific proteinase activity of *Porphyromonas gingivalis* grown in chemically defined medium. S15
- Hogan LC, Burrow MF. The microtensile strength of bonding resins. S20
- Hollfelder TM, Figliomeni L, Hoa-Zheng M, Davies GR, Price P. An investigation of the putative role of osteoprotegerin in periodontal destruction in humans. S16
- Hong S, Freer TJ, Wood EB. An evaluation of the changes in malocclusion index scores over a 26 year period. S16
- Khan A, Sugerman PB, Zhou X, Gemmell E, Walsh LJ, Savage NW. Tumour necrosis factor- $\alpha$  (TNF- $\alpha$ ) and interferon gamma (IFN- $\gamma$ ) production by lesional T cells in oral lichen planus. S17
- Kim J-S, Louie J, Murray GM, Phanachet I. Functional studies of electromyographic activity at verified sites in the human lateral pterygoid muscle. S17
- Lau A, Silva D, Codde J, Tennant M. Oral health and hospitalization in Western Australian children. S18
- Seeto M, Harbrow D, Young WG. Caspase-3 and the apoptosis network in odontogenesis. S18
- Taji SS, Hunt DR, McIntyre J. Electron probe microanalysis of surface mineral changes in dental enamel produced by acidic soft drinks. S19
- Tran A, Perdigo J, Swift Jr EJ, Ngo H. Effects of carbamide and hydrogen peroxide on enamel composition. S19

## B

- BARTOLD PM. (Editorial.) 63, 137
- BARTOLD PM. Oral health and systemic health. (Editorial.) 211
- BARTOLD PM. Research - What is its relevance? (Editorial.) 283
- BARTOLD PM, MARSHALL RI. See Marshall RI, Bartold PM.
- BEENA VT, ANIL S, LAL PM, GILL DS. See Anil S, Lal PM, Gill DS, Beena VT.
- BERGMAN MA. The clinical performance of ceramic inlays: A review. 157
- BILATERAL
- Leong P, Calache H. Bilateral congenitally missing maxillary canines. A case report. 279
- BIRCHER AJ, SURBER C. Anaphylactic reaction to lidocaine. (Letter to the Editor.) 64
- BONE GRAFT
- Samman N, Luk WK, Chow TW, Cheung LK, Tideman H, Clark RKF. Custom-made titanium mandibular reconstruction tray. 195
- BOOK REVIEWS
- Arens DE, Torabinejad M, Chivian N, Rubinstein R. Practical lessons in endodontic surgery. 140
- Bränemark P-I, Higuchi KW, Ferraz de Oliveira, eds. The rehabilitation of complex cleft palate and cranio-maxillofacial defects: The challenge of Bauru. 287
- Brons R. Facial harmony: Standards for orthognathic surgery and orthodontics. 68
- Clark C, Brunick A. Handbook of nitrous oxide and oxygen sedation. 288
- Dimmitt S. Medicine for dentists: A problem-based approach. 289
- Downes P. The internet guide for dentistry. 289
- Enlow DH, Hans MG. Essentials of facial growth. 287
- Franki G. A history of dentistry in New South Wales 1945-1995. 68
- Garrett JR, Ekstrim J, Anderson LC, eds; Linden RWA, series ed. Frontiers of oral biology: Vol. 10. Glandular mechanisms of salivary secretion. 141
- Girdler NM, Hill CM. Sedation in dentistry. 214
- Grace M. Finance for the terrified. 214
- Hancocks S. Don't spit in my turn-ups. 140
- Harris M, Edgar M, Meghji S, eds. Clinical oral science. 68
- Heintze SD, Jost-Brinkmann P-G, Finke C, Miethke R-G. Oral health for the orthodontic patient. 288
- Hobo S, Takayama H. Oral rehabilitation: Clinical determination of occlusion. 139
- Jacobsen P. Restorative dentistry: An integrated approach. 288
- Jensen OT, ed. The sinus bone graft. 139
- Linden RWA, series ed. Frontiers of oral biology: Vol 9. The scientific basis of eating. 289
- MacEntee MI. The complete denture: A clinical pathway. 290
- Nakabayashi N, Pashley DH. Hybridization of dental hard tissues. 214
- Nevins M, Mellonig JT. Implant therapy: Clinical approaches and evidence of success, Vol. 2. 213
- Nevins M, Mellonig JT. Periodontal therapy: Clinical approaches and evidence of success, Vol. 1. 213
- Rothman SLG. Dental applications of computerized tomography: Surgical planning for implant placement. 213
- Sailer HF, Pajarola GF, Rateitschak KH, Wolf HF, eds. Colour atlas of dental medicine: Oral surgery for the general dentist. 290
- Scully C, Cawson RA. Medical problems in dentistry. 139
- Terézahmy GT, Batizy LG, eds. Urgent care in the dental office: An essential handbook. 140
- Touati B, Miara P, Nathanson D. Esthetic dentistry and ceramic restorations. 290
- Whateley B. A very special team. 287
- BREARLEY MESSER L, ARORA R, FUNG S, HATZIS E, NGUYEN T, SAN A, THOMAS K, JOHN V. See John V, Brearley Messer L, Arora R, Fung S, Hatzis E, Nguyen T, San A, Thomas K.
- BROCKHURST PJ, MOULE AJ, LAM TV, LEWIS DJ, ATKINS DR, MACFARLANE RH, CLARKSON RM, WHITEHEAD MG. See Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ.
- BURKITT'S LYMPHOMA
- Ugboko VI, Ndukwue KC, Adelusola KA, Durosinmi MA. Burkitt's lymphoma presenting as lower lip paraesthesia in a 24 year old Nigerian. Case report. 58
- BURROW MF, PHRUKKANON S, TYAS MJ. The influence of hybrid layer modification on bond strengths to bovine dentine. S4

## C

- CALACHE H, LEONG P. See Leong P, Calache H.
- CALCIUM CHANNEL BLOCKERS
- Marshall RI, Bartold PM. A clinical review of drug-induced gingival overgrowths. 219
- CARIOUS DENTINE AND ENAMEL
- McNally KM, Gillings BRD, Dawes JM. Dye-assisted diode laser ablation of carious enamel and dentine. 169
- CASE REPORTS
- Anil S, Lal PM, Gill DS, Beena VT. Metastasis of thyroid carcinoma to the mandible. Case report. 56
- Chen YK, Lin CC, Lin LM, Yan YH. Adenomatoid hyperplasia in the mandibular retromolar area. Case report. 135
- Iordanidis S, Makos Ch, Dimitrakopoulos J, Kariki H. Ameloblastoma of the maxilla. Case report. 51
- Leong P, Calache H. Bilateral congenitally missing maxillary canines. A case report. 279
- Ogunsalu C, Smith NJD. Metastatic neuroblastoma of the mandible mimicking osteogenic sarcoma radiologically. Case report. 207
- Sasaoka K, Mogi K, Ishii H. Central fibroma in the ascending ramus of the mandible. Case report. 131
- Smyth JS. A programme for the treatment of severe dental fear. Report of three cases. 275
- Ugboko VI, Ndukwue KC, Adelusola KA, Durosinmi MA. Burkitt's lymphoma presenting as lower lip paraesthesia in a 24 year old Nigerian. Case report. 58
- CAUCASOID
- Hsu JW, Tsai PL, Hsiao TH, Chang HP, Lin LM, Liu KM, Yu HS, Ferguson D. Ethnic dental analysis of shovel and Carabelli's traits in a Chinese population. 40
- CELL CULTURE
- Thumwanit V, Kedjarune U. Cytotoxicity of polymerized commercial cyanoacrylate adhesive on cultured human oral fibroblasts. 248
- CENTRAL FIBROMA
- Sasaoka K, Mogi K, Ishii H. Central fibroma in the ascending ramus of the mandible. Case report. 131
- CERAMIC INLAYS
- Bergman MA. The clinical performance of ceramic inlays: A review. 157
- CERNAVIN I, HOGAN SP. The effects of the Nd:YAG laser on amalgam dental restorative material. 98
- CHAN CP, HSIEH CC, CHANG MC, JENG JH, LAN WC, LAN WH. See Lan WC, Lan WH, Chan CP, Hsieh CC, Chang MC, Jeng JH.
- CHAN RW. Integrating the surgical and prosthodontic stages of implant therapy with a sterile implant position registration. 200

- CHANG HP, LIN LM, LIU KM, YU HS, FERGUSON D, HSU JW, TSAI PL, HSIAO TH. See Hsu JW, Tsai PL, Hsiao TH, Chang HP, Lin LM, Liu KM, Yu HS, Ferguson D.
- CHANG MC, JENG JH, LAN WC, LAN WH, CHAN CP, HSIEH CC. See Lan WC, Lan WH, Chan CP, Hsieh CC, Chang MC, Jeng JH.
- CHAROENWORALUK N, KOONTONG-  
KAEW S, KEDJARUNE U. See Kedjarune U, Charoenworaluk N, Koontongkaew S.
- CHEN YK, LIN CC, LIN LM, YAN YH. Adenomatoid hyperplasia in the mandibular retromolar area. Case report. 135
- CHENG JC-F, SHAM J, TONG AC-K, LEUNG AC-F. See Tong AC-K, Leung AC-F, Cheng JC-F, Sham J.
- CHEUNG LK, TIDEMAN H, CLARK RKF, SAMMAN N, LUK WK, CHOW TW. See Samman N, Luk WK, Chow TW, Cheung LK, Tideman H, Clark RKF.
- CHILD ABUSE  
John V, Brearley Messer L, Arora R, Fung S, Hatzis E, Nguyen T, San A, Thomas K. Child abuse and dentistry: A study of knowledge and attitudes among dentists in Victoria, Australia. 259
- CHILD FATALITIES  
Acton C, Nixon J, Pearn J, Williams D, Leditschke F. Facial burns in children: A series analysis with implications for resuscitation and forensic odontology. 20
- CHINESE  
Hsu JW, Tsai PL, Hsiao TH, Chang HP, Lin LM, Liu KM, Yu HS, Ferguson D. Ethnic dental analysis of shovel and Carabelli's traits in a Chinese population. 40
- CHINESE ORIGIN  
Leong P, Calache H. Bilateral congenitally missing maxillary canines. A case report. 279
- CHOW TW, CHEUNG LK, TIDEMAN H, CLARK RKF, SAMMAN N, LUK WK. See Samman N, Luk WK, Chow TW, Cheung LK, Tideman H, Clark RKF.
- CHOWY, ZOELLNER H. Study of albumin cleavage in granulation tissue. S13
- CITRIC ACID  
Lan WC, Lan WH, Chan CP, Hsieh CC, Chang MC, Jeng JH. The effects of extracellular citric acid acidosis on the viability, cellular adhesion capacity and protein synthesis of cultured human gingival fibroblasts. 123
- CLARK RKF, SAMMAN N, LUK WK, CHOW TW, CHEUNG LK, TIDEMAN H. See Samman N, Luk WK, Chow TW, Cheung LK, Tideman H, Clark RKF.
- CLARKSON RM, WHITEHEAD MG, BROCKHURST PJ, MOULE AJ, LAM TV, LEWIS DJ, ATKINS DR, MACFARLANE RH. See Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ.
- CLINICAL PERFORMANCE  
Bergman MA. The clinical performance of ceramic inlays: A review. 157
- CLINICAL REPORTS  
Chan RW. Integrating the surgical and prosthodontic stages of implant therapy with a sterile implant position registration. 200
- Gryst MEI, Mount GJ. The use of glass ionomer in special needs patients. 268
- Samman N, Luk WK, Chow TW, Cheung LK, Tideman H, Clark RKF. Custom-made titanium mandibular reconstruction tray. 195
- CLINICAL STATUS  
Godfrey K. Prophylactic removal of asymptomatic third molars: A review. 233
- CLINICAL TRIALS  
Rosenberg I, Goss AN. The outcome of arthroscopic treatment of temporomandibular joint arthropathy. 106
- CLOVER K, HAZELL T, STANBRIDGE V, SANSON-FISHER R. Dentists' attitudes and practice regarding smoking. 46
- COMPOMERS  
Hse KMY, Leung SK, Wei SHY. Resin-ionomer restorative materials for children: A review. 1
- CONGENITALLY MISSING  
Leong P, Calache H. Bilateral congenitally missing maxillary canines. A case report. 279
- CONTINUING EDUCATION  
CALENDAR  
66, 141, 215, 291
- CORONALLY POSITIONED FLAP  
Kerdvongbundit V, Sirirat M, Sirikulathean A. A clinical comparison of the new attachment obtained by guided tissue regeneration and coronally positioned flap techniques in the management of human molar furcation defects. 31
- CURTIS N. Temporomandibular joint arthroscopy. (Letter to the Editor.) 285
- CURTIS NJ, LAUTO A, TRICKETT R, OWEN E, WALKER DM. Laser activated solder weld repair of the inferior alveolar nerve in rats. S5
- CRYSTAL VIOLET STAINING  
Thumwanit V, Kedjarune U. Cytotoxicity of polymerized commercial cyanoacrylate adhesive on cultured human oral fibroblasts. 248
- CYANOACRYLATE  
Thumwanit V, Kedjarune U. Cytotoxicity of polymerized commercial cyanoacrylate adhesive on cultured human oral fibroblasts. 248
- CYCLOSPORIN  
Marshall RJ, Bartold PM. A clinical review of drug-induced gingival overgrowths. 219
- CYTOTOXICITY  
Kedjarune U, Charoenworaluk N, Koontongkaew S. Release of methyl methacrylate from heat-cured and autopolymerized resins: Cytotoxicity testing related to residual monomer. 25
- Thumwanit V, Kedjarune U. Cytotoxicity of polymerized commercial cyanoacrylate adhesive on cultured human oral fibroblasts. 248
- D  
DALEY TJ, KHAN F, YOUNG WG, SHAHABI S. See Khan F, Young WG, Shahabi S, Daley TJ.
- DASHPER SG, HOFFMANN B, O'BRIEN-SIMPSON N, SLAKESKI N, REYNOLDS E. An expression system for recombinant *Porphyromonas gingivalis* cell surface proteins. S5
- DAWES JM, McNALLY KM, GILLINGS BRD. See McNally KM, Gillings BRD, Dawes JM.
- DE-JUN J, PIERCE AM, WIEBKIN OW, WILSON DF. See Wilson DF, De-Jun J, Pierce AM, Wiebkin OW.
- DENTAL AMALGAM  
Cernavin I, Hogan SP. The effects of the Nd:YAG laser on amalgam dental restorative material. 98
- DENTAL DISEASES  
Roberts-Thomson KF, Spencer AJ. Public knowledge of the prevention of dental decay and gum diseases. 253
- DENTAL SCHOOL  
Tennant M, McGeachie JK. Australian dental schools: Moving towards the 21st century. 238
- DENTAL TRAITS  
Hsu JW, Tsai PL, Hsiao TH, Chang HP, Lin LM, Liu KM, Yu HS, Ferguson D. Ethnic dental analysis of shovel and Carabelli's traits in a Chinese population. 40
- DENTISTS' ATTITUDES  
John V, Brearley Messer L, Arora R, Fung S, Hatzis E, Nguyen T, San A, Thomas K. Child abuse and dentistry: A study of knowledge and attitudes among dentists in Victoria, Australia. 259
- DENTISTS' KNOWLEDGE  
John V, Brearley Messer L, Arora R, Fung S, Hatzis E, Nguyen T, San A, Thomas K. Child abuse and dentistry: A study of knowledge and attitudes among dentists in Victoria, Australia. 259
- DIAGNOSIS  
Moule AJ, Kahler B. Diagnosis and management of teeth with vertical root fractures. 75
- DIAMANTI-KIPIOTI A, NICOPOULOU-KARAYIANNI K. See Nicopoulou-Karayanni K, Diamanti-Kipioti A.
- DIMITRAKOPOULOS J, KARIKI H, IORDANIDIS S, MAKOS CH. See Iordanidis S, Makos Ch, Dimitrakopoulos J, Kariki H.
- DIODE LASER  
McNally KM, Gillings BRD, Dawes JM. Dye-assisted diode laser ablation of carious enamel and dentine. 169
- DONDZILO A, BISHOP BM. Flexural bond strengths of two flowable composites in an *in vitro* repair situation. S14
- DUROSINMI MA, UGBOKO VI, NDUKWE KC, ADELUSOLA KA. See Ugboko VI, Ndukwe KC, Adelusola KA, Durosini MA.

## E

### EDITORIALS

Bartold PM. 63, 137, 211, 283

### ELASTOMERS

Nichols PV. Hydrophilicity? (Letter to the Editor.) 285

### ENDODONTICS

Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ. Changes in root canal morphology in simulated curved canals over-instrumented with a variety of stainless steel and nickel titanium files. 12

Moule AJ, Kahler B. Diagnosis and management of teeth with vertical root fractures. 75

## EPIDEMIOLOGY

- Sugerman PB, Savage NW. Current concepts in oral cancer. 147

## EROSION

- Khan F, Young WG, Shahabi S, Daley TJ. Dental cervical lesions associated with occlusal erosion and attrition. 176

## F

### FACIAL BURNS

- Acton C, Nixon J, Pearn J, Williams D, Leditschke F. Facial burns in children: A series analysis with implications for resuscitation and forensic odontology. 20

- FERGUSON D, HSU JW, TSAI PL, HSIAO TH, CHANG HP, LIN LM, LIU KM, YU HS. See Hsu JW, Tsai PL, Hsiao TH, Chang HP, Lin LM, Liu KM, Yu HS, Ferguson D.

## FILES

- Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ. Changes in root canal morphology in simulated curved canals over-instrumented with a variety of stainless steel and nickel titanium files. 12

## FORENSIC ODONTOLOGY

- Acton C, Nixon J, Pearn J, Williams D, Leditschke F. Facial burns in children: A series analysis with implications for resuscitation and forensic odontology. 20

- FUNG S, HATZIS E, NGUYEN T, SAN A, THOMAS K, JOHN V, BREARLEY MESSER L, ARORA R, FUNG S, HATZIS E, NGUYEN T, SAN A, THOMAS K.

## FURCATION THERAPY

- Kerdvongbudit V, Sirirat M, Sirikulsathean A. A clinical comparison of the new attachment obtained by guided tissue regeneration and coronally positioned flap techniques in the management of human molar furcation defects. 31

- FURUSAWA K, IKEDA M, HASEGAWA T, YAMAOKA M. See Yamaoka M, Furusawa K, Ikeda M, Hasegawa T.

## G

- GEBAUER D, GORJY S. An investigation into the relationship between loss of masticatory performance and colorectal cancer. S14

- GEMMELL E, WINNING TA, BIRD PS, SEYMOUR GJ. Local and systemic T cell responses to *Porphyromonas gingivalis* in an animal model. S6

## GENETICS

- Sugerman PB, Savage NW. Current concepts in oral cancer. 147

- GILL DS, BEENA VT, ANIL S, LAL PM. See Anil S, Lal PM, Gill DS, Beena VT.

- GILLINGS BRD, DAWES JM, McNALLY KM. See McNally KM, Gillings BRD, Dawes JM.

## GINGIVAL FIBROBLASTS

- Lan WC, Lan WH, Chan CP, Hsieh CC, Chang MC, Jeng JH. The effects of extracellular citric acid acidosis on the viability, cellular adhesion capacity and protein synthesis of cultured human gingival fibroblasts. 123

## GINGIVAL OVERGROWTH

- Marshall RI, Bartold PM. A clinical review of drug-induced gingival overgrowths. 219

## GLASS IONOMER

- Gryst MEI, Mount GJ. The use of glass ionomer in special needs patients. 268
- GODFREY K. Prophylactic removal of asymptomatic third molars: A review. 233

- GOSS AN, ROSENBERG I. See Rosenberg I, Goss AN.

- GOSS AN, VUDINIABOLA S, PIRONE C, WILLIAMSON J. See Vudiniabola S, Pirone C, Williamson J, Goss AN.

- GRYST MEI, MOUNT GJ. The use of glass ionomer in special needs patients. 268

## GUIDED TISSUE REGENERATION

- Kerdvongbudit V, Sirirat M, Sirikulsathean A. A clinical comparison of the new attachment obtained by guided tissue regeneration and coronally positioned flap techniques in the management of human molar furcation defects. 31

## H

- HASEGAWA T, YAMAOKA M, FURUSAWA K, IKEDA M. See Yamaoka M, Furusawa K, Ikeda M, Hasegawa T.

- HATZIS E, NGUYEN T, SAN A, THOMAS K, JOHN V, BREARLEY MESSER L, ARORA R, FUNG S. See John V, Brearley Messer L, Arora R, Fung S, Hatzis E, Nguyen T, San A, Thomas K.

- HAZELL T, STANBRIDGE V, SANSON-FISHER R, CLOVER K. See Clover K, Hazell T, Stanbridge V, Sanson-Fisher R.

## HEPARAN SULPHATE

- Wilson DF, De-Jun J, Pierce AM, Wiebkin OW. Oral cancer: Role of the basement membrane in invasion. 93

- HO CTC, FREER TJ. Tooth width analysis simplified. S7

- HOGAN L, DASHPER SG, REYNOLDS EC. Arg-specific proteinase activity of *Porphyromonas gingivalis* grown in chemically defined medium. S15

- HOGAN LC, BURROW MF. The micro-tensile strength of bonding resins. S20

- HOGAN SP, CERNAVIN I. See Cernavin I, Hogan SP.

- HOLLFELDER TM, FIGLIOMENI L, HOA-ZHENG M, DAVIES GR, PRICE P. An investigation of the putative role of osteoprotegerin in periodontal destruction in humans. S16

- HONG S, FREER TJ, WOOD EB. An evaluation of the changes in malocclusion index scores over a 26 year period. S16

- HOWE AM, WEBSTER WS. Three-dimensional reconstruction of a human embryo from serial sections. S7

- HSE KMY, LEUNG SK, WEI SHY. Resin-ionomer restorative materials for children: A review. 1

- HSIAO TH, CHANG HP, LIN LM, LIU KM, YU HS, FERGUSON D, HSU JW, TSAI PL. See Hsu JW, Tsai PL, Hsiao TH, Chang HP, Lin LM, Liu KM, Yu HS, Ferguson D.

- HSIEH CC, CHANG MC, JENG JH, LAN WC, LAN WH, CHAN CP. See Lan WC, Lan WH, Chan CP, Hsieh CC, Chang MC, Jeng JH.

- HSU JW, TSAI PL, HSIAO TH, CHANG HP, LIN LM, LIU KM, YU HS, FERGUSON D. Ethnic dental analysis of shovel and Carabelli's traits in a Chinese population. 40

## HYDROPHILIC MATERIALS

- Nichols PV. Hydrophilicity? (Letter to the Editor.) 285

## HYPERBARIC OXYGEN

- Vudiniabola S, Pirone C, Williamson J, Goss AN. Hyperbaric oxygen in the prevention of osteoradionecrosis of the jaws. 243

## HYPODONTIA

- Leong P, Calache H. Bilateral congenitally missing maxillary canines. A case report. 279

## I

- IKEDA M, HASEGAWA T, YAMAOKA M, FURUSAWA K. See Yamaoka M, Furusawa K, Ikeda M, Hasegawa T.

## IMMUNOHISTOCHEMISTRY

- Wilson DF, De-Jun J, Pierce AM, Wiebkin OW. Oral cancer: Role of the basement membrane in invasion. 93

## IMPLANTS

- Chan RW. Integrating the surgical and prosthodontic stages of implant therapy with a sterile implant position registration. 200

## IMPRESSION

- Chan RW. Integrating the surgical and prosthodontic stages of implant therapy with a sterile implant position registration. 200

## INDOCYANINE GREEN DYE

- McNally KM, Gillings BRD, Dawes JM. Dye-assisted diode laser ablation of carious enamel and dentine. 169

## INTERNATIONAL ASSOCIATION FOR DENTAL RESEARCH ANZ DIVISION

- 38th Annual Scientific Meeting Scientific Programme. 69

- IORDANIDIS S, MAKOS Ch, DIMITRAKOPOULOS J, KARIKI H. Ameloblastoma of the maxilla. Case report. 51

- ISHII H, SASAOKA K, MOGI K. See Sasaoka K, Mogi K, Ishii H.

## J

### JAWS

- Anil S, Lal PM, Gill DS, Beena VT. Metastasis of thyroid carcinoma to the mandible. Case report. 56

- JENG JH, LAN WC, LAN WH, CHAN CP, HSIEH CC, CHANG MC. See Lan WC, Lan WH, Chan CP, Hsieh CC, Chang MC, Jeng JH.

- JOHN V, BREARLEY MESSER L, ARORA R, FUNG S, HATZIS E, NGUYEN T, SAN A, THOMAS K. Child abuse and dentistry: A study of knowledge and attitudes among dentists in Victoria, Australia. 259

## K

- KAHLER B, MOULE AJ. See Moule AJ, Kahler B.

- KARIKI H, IORDANIDIS S, MAKOS Ch, DIMITRAKOPOULOS J. See Iordanidis S, Makos Ch, Dimitrakopoulos J, Kariki H.



KEDJARUNE U, CHAROENWORALUK N, KOONTONGKAEW S. Release of methyl methacrylate from heat-cured and autopolymerized resins: Cytotoxicity testing related to residual monomer. 25

KEDJARUNE U, THUMWANIT V. See Thumwanit V, Kedjarune U.

KENDALL FLETCHER E, PHILLIPS W, LAVIDIS NA. A potential role for neurotrophic factors during the changes in synaptic transmission induced by chronic morphine treatment. S21

KERDPON D, READE PC, RICH AM. See Rich AM, Kerdpon D, Reade PC.

KERDVONGBUNDIT V, SIRIRAT M, SIRIKULSATHEAN A. A clinical comparison of the new attachment obtained by guided tissue regeneration and coronally positioned flap techniques in the management of human molar furcation defects. 31

KHAN A, SUGERMAN PB, ZHOU X, GEMMELL E, WALSH LJ, SAVAGE NW. Tumour necrosis factor- $\alpha$  (TNF- $\alpha$ ) and interferon gamma (IFN- $\gamma$ ) production by lesional T cells in oral lichen planus. S17

KHAN F, YOUNG WG, SHAHABI S, DALEY TJ. Dental cervical lesions associated with occlusal erosion and attrition. 176

KIM J-S, LOUIE J, MURRAY GM, PHANACHET I. Functional studies of electromyographic activity at verified sites in the human lateral pterygoid muscle. S17

KOONTONGKAEW S, KEDJARUNE U, CHAROENWORALUK N. See Kedjarune U, Charoenworalak N, Koontongkaew S.

#### KNOWLEDGE

Roberts-Thomson KF, Spencer AJ. Public knowledge of the prevention of dental decay and gum diseases. 253

## L

LAL PM, GILL DS, BEENA VT, ANIL S. See Anil S, Lal PM, Gill DS, Beena VT.

LAM TV, LEWIS DJ, ATKINS DR, MACFARLANE RH, CLARKSON RM, WHITEHEAD MG, BROCKHURST PJ, MOULE AJ. Changes in root canal morphology in simulated curved canals over-instrumented with a variety of stainless steel and nickel titanium files. 12

#### LAMININ

Wilson DF, De-Jun J, Pierce AM, Wiebkin OW. Oral cancer: Role of the basement membrane in invasion. 93

LANWC, LANWH, CHAN CP, HSIEH CC, CHANG MC, JENG JH. The effects of extracellular citric acid acidosis on the viability, cellular adhesion capacity and protein synthesis of cultured human gingival fibroblasts. 123

LAN WH, CHAN CP, HSIEH CC, CHANG MC, JENG JH, LAN WC. See Lan WC, Lan WH, Chan CP, Hsieh CC, Chang MC, Jeng JH.

#### LASER ABLATION

McNally KM, Gillings BRD, Dawes JM. Dye-assisted diode laser ablation of carious enamel and dentine. 169

## LASERS

Cernavin I, Hogan SP. The effects of the Nd:YAG laser on amalgam dental restorative material. 98

LAU A, SILVA D, CODDE J, TENNANT M. Oral health and hospitalization in Western Australian children. S18

LET-PV, JONES M, SAVAGE NW, WALSH LJ. An assessment of the microbial quality of water from dental unit water lines. S21

LEDITSCHKE F, ACTON C, NIXON J, PEARN J, WILLIAMS D. See Acton C, Nixon J, Pearn J, Williams D, Leditschke F.

LEONG P, CALACHE H. Bilateral congenitally missing maxillary canines. A case report. 279

#### LETTERS TO THE EDITOR

Bircher AJ, Surber C. Anaphylactic reaction to lidocaine. 64

Curtis N. Temporomandibular joint arthroscopy. 285

Mount GJ. Restorative materials. 138

Nichols PV. Hydrophilicity? 285

Wei SH. Resin ionomer restorative materials for children: A review. Author's reply. 285

LEUNG AC-F, CHENG JC-F, SHAM J, TONG AC-K. See Tong AC-K, Leung AC-F, Cheng JC-F, Sham J.

LEUNG SK, WEI SHY, HSE KMY. See Hse KMY, Leung SK, Wei SHY.

LEWIS DJ, ATKINS DR, MACFARLANE RH, CLARKSON RM, WHITEHEAD MG, BROCKHURST PJ, MOULE AJ, LAM TV. See Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ.

LI H, TYAS MJ, BURROW MF. Nanoleakage of four dentine adhesive systems. S8

#### LIDOCAINE

Bircher AJ, Surber C. Anaphylactic reaction to lidocaine. (Letter to the Editor.) 64

LIN CC, LIN LM, YAN YH, CHEN YK. See Chen YK, Lin CC, Lin LM, Yan YH.

LIN LM, LIU KM, YU HS, FERGUSON D, HSU JW, TSAI PL, HSIAO TH, CHANG HP. See Hsu JW, Tsai PL, Hsiao TH, Chang HP, Lin LM, Liu KM, Yu HS, Ferguson D.

LIN LM, YAN YH, CHEN YK, LIN CC. See Chen YK, Lin CC, Lin LM, Yan YH.

#### LITERATURE REVIEW

Bergman MA. The clinical performance of ceramic inlays: A review. 157

LIU KM, YU HS, FERGUSON D, HSU JW, TSAI PL, HSIAO TH, CHANG HP, LIN LM. See Hsu JW, Tsai PL, Hsiao TH, Chang HP, Lin LM, Liu KM, Yu HS, Ferguson D.

LUK WK, CHOW TW, CHEUNG LK, TIDEMAN H, CLARK RKF, SAMMAN N. See Samman N, Luk WK, Chow TW, Cheung LK, Tideman H, Clark RKF.

## M

McGEACHIE JK, TENNANT M. See Tennant M, McGeachie JK.

McNALLY KM, GILLINGS BRD, DAWES JM. Dye-assisted diode laser ablation of carious enamel and dentine. 169

MACFARLANE RH, CLARKSON RM, WHITEHEAD MG, BROCKHURST PJ, MOULE AJ, LAM TV, LEWIS DJ, ATKINS DR. See Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ.

MAKOS Ch, DIMITRAKOPOULOS J, KARIKI H, IORDANIDIS S. See Iordanidis S, Makos Ch, Dimitrakopoulos J, Kariki H.

#### MANDIBLE

Samman N, Luk WK, Chow TW, Cheung LK, Tideman H, Clark RKF. Custom-made titanium mandibular reconstruction tray. 195

Sasaoka K, Mogi K, Ishii H. Central fibroma in the ascending ramus of the mandible. Case report. 131

Yamaoka M, Furusawa K, Ikeda M, Hasegawa T. Root resorption of mandibular second molar teeth associated with the presence of the third molars. 112

MARSHALL RI, BARTOLD PM. A clinical review of drug-induced gingival overgrowths. 219

MARTIN-IVERSON N, PHATOUIROS A, TENNANT M. A brief review of indigenous Australian health as it impacts on oral health. 88

MATHEW R, SPENCER AJ, CHALMERS J. Adelaide dentists' involvement in dental care for nursing home residents. S22

#### MAXILLA

Iordanidis S, Makos Ch, Dimitrakopoulos J, Kariki H. Ameloblastoma of the maxilla. Case report. 51

#### MAXILLARY CANINES

Leong P, Calache H. Bilateral congenitally missing maxillary canines. A case report. 279

#### MAXILLOFACIAL INJURY

Acton C, Nixon J, Pearn J, Williams D, Leditschke F. Facial burns in children: A series analysis with implications for resuscitation and forensic odontology. 20

#### MENTAL NERVE PARAESTHESIA

Ugboko VI, Ndukuwe KC, Adelusola KA, Durosini MA. Burkitt's lymphoma presenting as lower lip paraesthesia in a 24 year old Nigerian. Case report. 58

#### METASTASIS

Anil S, Lal PM, Gill DS, Beena VT. Metastasis of thyroid carcinoma to the mandible. Case report. 56

#### METASTATIC NEUROBLASTOMA

Ogunsalu C, Smith NJD. Metastatic neuroblastoma of the mandible mimicking osteogenic sarcoma radiologically. Case report. 207

#### MINOR SALIVARY GLAND

Chen YK, Lin CC, Lin LM, Yan YH. Adenomatoid hyperplasia in the mandibular retromolar area. Case report. 135

#### MODEL

Tennant M, McGeachie JK. Australian dental schools: Moving towards the 21st century. 238

MOGI K, ISHII H, SASAOKA K. See Sasaoka K, Mogi K, Ishii H.

MORRIS ML, ANDREWS RH, ROGERS AH, ELLIS DH. Investigation of the genetic relationships within the genus *Candida* using allozyme electrophoresis. S9

- MOULE AJ, KAHLER B. Diagnosis and management of teeth with vertical root fractures. 75
- MOULE AJ, LAM TV, LEWIS DJ, ATKINS DR, MACFARLANE RH, CLARKSON RM, WHITEHEAD MG, BROCKHURST PJ. See Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ.
- MOUNT GJ. Restorative materials. (Letter to the Editor.) 138
- MOUNT GJ, GRYST MEI. See Gryst MEI, Mount GJ.
- MTT TEST  
Thumwanit V, Kedjarune U. Cytotoxicity of polymerized commercial cyanoacrylate adhesive on cultured human oral fibroblasts. 248
- MULTIVARIATE LOGISTIC REGRESSION  
Hsu JW, Tsai PL, Hsiao TH, Chang HP, Lin LM, Liu KM, Yu HS, Ferguson D. Ethnic dental analysis of shovel and Carabelli's traits in a Chinese population. 40
- MYTHS  
Roberts-Thomson KF, Spencer AJ. Public knowledge of the prevention of dental decay and gum diseases. 253

## N

- NASOPHARYNGEAL CARCINOMA  
Tong AC-K, Leung AC-F, Cheng JC-F, Sham J. Incidence of complicated healing and osteoradionecrosis following tooth extraction in patients receiving radiotherapy for treatment of nasopharyngeal carcinoma. 187
- NDUKWE KC, ADELUSOLA KA, DUROSINMI MA, UGBOKO VI. See Ugboko VI, Ndukwe KC, Adelusola KA, Durosini MA.
- NGUYEN T, SAN A, THOMAS K, JOHN V, BREARLEY MESSER L, ARORA R, FUNG S, HATZIS E. See John V, Brearley Messer L, Arora R, Fung S, Hatzis E, Nguyen T, San A, Thomas K.
- NICHOLS PV. Hydrophilicity? (Letter to the Editor.) 285
- NICKEL TITANIUM  
Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ. Changes in root canal morphology in simulated curved canals over-instrumented with a variety of stainless steel and nickel titanium files. 12
- NICOPOULOU-KARAYIANNI K, DIAMANTI-KIPIOTI A. Radiographic appearance of alveolar osseous defects in relation to their anatomic location. 117
- NIXON J, PEARN J, WILLIAMS D, LEDITSCHKE F, ACTON C. See Acton C, Nixon J, Pearn J, Williams D, Leditschke F.

## O

- OBITUARIES  
R G Schamschula. 212  
Robert Harris. 284
- ODONTOGENIC TUMOUR  
Iordanidis S, Makos Ch, Dimitrakopoulos J, Kariki H. Ameloblastoma of the maxilla. Case report. 51

- ONG CKL, HARBROW D, TAVERNE AAR, SYMONS AL. Orthodontic tooth movement in the prednisolone-treated rat. S9
- ORAL CANCER  
Sugerman PB, Savage NW. Current concepts in oral cancer. 147
- ORAL CARCINOMA  
Wilson DF, De-Jun J, Pierce AM, Wiebkin OW. Oral cancer: Role of the basement membrane in invasion. 93
- ORAL EPITHELIAL DYSPLASIA  
Rich AM, Kerdpon D, Reade PC. p53 expression in oral precancer and cancer. 103
- ORAL FIBROBLASTS  
Thumwanit V, Kedjarune U. Cytotoxicity of polymerized commercial cyanoacrylate adhesive on cultured human oral fibroblasts. 248
- ORAL HEALTH  
Martin-Iverson N, Phatouros A, Tennant M. A brief review of indigenous Australian health as it impacts on oral health. 88
- ORAL REGION  
Sasaoka K, Mogi K, Ishii H. Central fibroma in the ascending ramus of the mandible. Case report. 131
- ORAL SQUAMOUS CELL CARCINOMA  
Rich AM, Kerdpon D, Reade PC. p53 expression in oral precancer and cancer. 103
- OROFACIAL TRAUMA  
John V, Brearley Messer L, Arora R, Fung S, Hatzis E, Nguyen T, San A, Thomas K. Child abuse and dentistry: A study of knowledge and attitudes among dentists in Victoria, Australia. 259
- OSTEOGENIC SARCOMA  
Ogunsalu C, Smith NJD. Metastatic neuroblastoma of the mandible mimicking osteogenic sarcoma radiologically. Case report. 207
- OSTEORADIONECROSIS  
Tong AC-K, Leung AC-F, Cheng JC-F, Sham J. Incidence of complicated healing and osteoradionecrosis following tooth extraction in patients receiving radiotherapy for treatment of nasopharyngeal carcinoma. 187
- Vudiniabola S, Pirone C, Williamson J, Goss AN. Hyperbaric oxygen in the prevention of osteoradionecrosis of the jaws. 243

## P

- p53 EXPRESSION  
Rich AM, Kerdpon D, Reade PC. p53 expression in oral precancer and cancer. 103
- PACZATJ, TENNANT M. The development and implementation of a dental training program for Aboriginal Health Workers in the Kimberley, Western Australia. S23
- PATTERN RECOGNITION  
Ogunsalu C, Smith NJD. Metastatic neuroblastoma of the mandible mimicking osteogenic sarcoma radiologically. Case report. 207
- PEARN J, WILLIAMS D, LEDITSCHKE F, ACTON C, NIXON J. See Acton C, Nixon J, Pearn J, Williams D, Leditschke F.
- PERIAPICAL RADIOGRAPHS  
Nicolopoulou-Karayianni K, Diamanti-Kipiotti A. Radiographic appearance of alveolar osseous defects in relation to their anatomic location. 117
- PERIODONTAL DISEASE  
Kerdvongbundit V, Sirirat M, Sirikulathean A. A clinical comparison of the new attachment obtained by guided tissue regeneration and coronally positioned flap techniques in the management of human molar furcation defects. 31
- Nicolopoulou-Karayianni K, Diamanti-Kipiotti A. Radiographic appearance of alveolar osseous defects in relation to their anatomic location. 117
- PERIODONTAL REPAIR  
Lan WC, Lan WH, Chan CP, Hsieh CC, Chang MC, Jeng JH. The effects of extracellular citric acid acidosis on the viability, cellular adhesion capacity and protein synthesis of cultured human gingival fibroblasts. 123
- PERIODONTAL THERAPY  
Kerdvongbundit V, Sirirat M, Sirikulathean A. A clinical comparison of the new attachment obtained by guided tissue regeneration and coronally positioned flap techniques in the management of human molar furcation defects. 31
- PHATOUROS A, TENNANT M, MARTIN-IVERSON N. See Martin-Iverson N, Phatouros A, Tennant M.
- PHENYTOIN  
Marshall RI, Bartold PM. A clinical review of drug-induced gingival overgrowths. 219
- PHILIPS JR, MASSEY WLK, HUNTER N. The role of the CD5<sup>+</sup>B lymphocyte subset in the immune response: an evolutionary perspective. S9
- PIERCE AM, WIEBKIN OW, WILSON DF, DE-JUN J. See Wilson DF, De-Jun J, Pierce AM, Wiebkin OW.
- PIRONE C, WILLIAMSON J, GOSS AN, VUDINIABOLA S. See Vudiniabola S, Pirone C, Williamson J, Goss AN.
- POLYACID-MODIFIED RESIN COMPOSITES  
Hse KMY, Leung SK, Wei SHY. Resin-ionomer restorative materials for children: A review. 1
- POLYMETHYL METHACRYLATE  
Kedjarune U, Charoenworakul N, Koontongkaew S. Release of methyl methacrylate from heat-cured and autopolymerized resins: Cytotoxicity testing related to residual monomer. 25
- POOR ORAL HEALTH  
Smyth JS. A programme for the treatment of severe dental fear. Report of three cases. 275
- PREVENTION  
Roberts-Thomson KF, Spencer AJ. Public knowledge of the prevention of dental decay and gum diseases. 253
- Smyth JS. A programme for the treatment of severe dental fear. Report of three cases. 275
- Sugerman PB, Savage NW. Current concepts in oral cancer. 147
- PREVENTIVE DENTISTRY  
Clover K, Hazell T, Stanbridge V, Sanson-Fisher R. Dentists' attitudes and practice regarding smoking. 46
- PRIMARY TEETH  
Hse KMY, Leung SK, Wei SHY. Resin-ionomer restorative materials for children: A review. 1

## PROPHYLACTIC REMOVAL

- Godfrey K. Prophylactic removal of asymptomatic third molars: A review. 233

## PROTEOGLYCAN

- Wilson DF, De-Jun J, Pierce AM, Wiebkin OW. Oral cancer: Role of the basement membrane in invasion. 93

## R

### RADIOGRAPHIC EXAMINATION

- Nicopoulou-Karayanni K, Diamanti-Kipioli A. Radiographic appearance of alveolar osseous defects in relation to their anatomic location. 117

### RADIOTHERAPY

- Tong AC-K, Leung AC-F, Cheng JC-F, Sham J. Incidence of complicated healing and osteoradionecrosis following tooth extraction in patients receiving radiotherapy for treatment of nasopharyngeal carcinoma. 187

### READE PC, RICH AM, KERDPON D. See Rich AM, Kerdon D, Reade PC.

### RECONSTRUCTION

- Samman N, Luk WK, Chow TW, Cheung LK, Tideman H, Clark RKF. Custom-made titanium mandibular reconstruction tray. 195

### REFORM

- Tennant M, McGeachie JK. Australian dental schools: Moving towards the 21st century. 238

### REPORTING

- John V, Brearley Messer L, Arora R, Fung S, Hatzis E, Nguyen T, San A, Thomas K. Child abuse and dentistry: A study of knowledge and attitudes among dentists in Victoria, Australia. 259

### RESIDUAL MONOMER

- Kedjarune U, Charoenworakul N, Koontongkaew S. Release of methyl methacrylate from heat-cured and autopolymerized resins: Cytotoxicity testing related to residual monomer. 25

### RESIN-MODIFIED GLASS IONOMER CEMENTS

- Hse KMY, Leung SK, Wei SHY. Resin-ionomer restorative materials for children: A review. 1  
Mount GJ. Restorative materials. (Letter to the Editor.) 138  
Wei SH. Resin ionomer restorative materials for children: A review. Author's reply. (Letter to the Editor.) 285

### RESTORATIVE DENTISTRY

- Gryst MEL, Mount GJ. The use of glass ionomer in special needs patients. 268

### RESTORATIVE MATERIALS

- Mount GJ. Restorative materials. (Letter to the Editor.) 138  
Wei SH. Resin ionomer restorative materials for children: A review. Author's reply. (Letter to the Editor.) 285

### RESUSCITATION

- Acton C, Nixon J, Pearn J, Williams D, Leditschke F. Facial burns in children: A series analysis with implications for resuscitation and forensic odontology. 20

### RETROMOLAR AREA

- Chen YK, Lin CC, Lin LM, Yan YH. Adenomatoid hyperplasia in the mandibular retromolar area. Case report. 135

## REVIEWS

- Bergman MA. The clinical performance of ceramic inlays: A review. 157

- Godfrey K. Prophylactic removal of asymptomatic third molars: A review. 233

- Hse KMY, Leung SK, Wei SHY. Resin-ionomer restorative materials for children: A review. 1

- Marshall RI, Bartold PM. A clinical review of drug-induced gingival overgrowths. 219

- Martin-Iverson N, Phatouros A, Tennant M. A brief review of indigenous Australian health as it impacts on oral health. 88

- Moule AJ, Kahler B. Diagnosis and management of teeth with vertical root fractures. 75

- Sugerman PB, Savage NW. Current concepts in oral cancer. 147

- Tennant M, McGeachie JK. Australian dental schools: Moving towards the 21st century. 238

- RICH AM, KERDPON D, READE PC. p53 expression in oral precancer and cancer. 103

- ROBERTS-THOMSON KF, SPENCER AJ. Public knowledge of the prevention of dental decay and gum diseases. 253

### ROOT CANALS

- Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ. Changes in root canal morphology in simulated curved canals over-instrumented with a variety of stainless steel and nickel titanium files. 12

### ROOT RESORPTION

- Yamaoka M, Furusawa K, Ikeda M, Hasegawa T. Root resorption of mandibular second molar teeth associated with the presence of the third molars. 112

- ROSENBERG I, GOSS AN. The outcome of arthroscopic treatment of temporomandibular joint arthropathy. 106

## S

### SALIVA

- Khan F, Young WG, Shahabi S, Daley TJ. Dental cervical lesions associated with occlusal erosion and attrition. 176

- SAMMAN N, LUK WK, CHOW TW, CHEUNG LK, TIDEMAN H, CLARK RKF. Custom-made titanium mandibular reconstruction tray. 195

- SAN A, THOMAS K, JOHN V, BREARLEY MESSER L, ARORA R, FUNG S, HATZIS E, NGUYEN T. See John V, Brearley Messer L, Arora R, Fung S, Hatzis E, Nguyen T, San A, Thomas K.

- SANSON-FISHER R, CLOVER K, HAZELL T, STANBRIDGE V. See Clover K, Hazell T, Stanbridge V, Sanson-Fisher R.

- SASAOKA K, MOGI K, ISHII H. Central fibroma in the ascending ramus of the mandible. Case report. 131

- SAVAGE NW, SUGERMAN PB. See Sugerman PB, Savage NW.

### SECOND MOLAR

- Yamaoka M, Furusawa K, Ikeda M, Hasegawa T. Root resorption of mandibular second molar teeth associated with the presence of the third molars. 112

- SEETO M, HARBROW D, YOUNG WG. Caspase-3 and the apoptosis network in odontogenesis. S18

### SEVERE DENTAL FEAR

- Smyth JS. A programme for the treatment of severe dental fear. Report of three cases. 275

- SHAHABI S, DALEY TJ, KHAN F, YOUNG WG. See Khan F, Young WG, Shahabi S, Daley TJ.

- SHAM J, TONG AC-K, LEUNG AC-F, CHENG JC-F. See Tong AC-K, Leung AC-F, Cheng JC-F, Sham J.

### SHAPING

- Lam TV, Lewis DJ, Atkins DR, Macfarlane RH, Clarkson RM, Whitehead MG, Brockhurst PJ, Moule AJ. Changes in root canal morphology in simulated curved canals over-instrumented with a variety of stainless steel and nickel titanium files. 12

- SIRIKULSATHEAN A, KERDVONG-BUNDIT V, SIRIRAT M. See Kerdvongbundit V, Sirirat M, Sirikulsathean A.

- SIRIRAT M, SIRIKULSATHEAN A, KERDVONGBUNDIT V. See Kerdvongbundit V, Sirirat M, Sirikulsathean A.

### SMOKING

- Clover K, Hazell T, Stanbridge V, Sanson-Fisher R. Dentists' attitudes and practice regarding smoking. 46

- SMYTH JS. A programme for the treatment of severe dental fear. Report of three cases. 275

- SONG DD, JACQUES NA. Characterization of the fructosyltransferase from *Streptococcus salivarius*. S10

### SPECIAL NEEDS PATIENTS

- Gryst MEL, Mount GJ. The use of glass ionomer in special needs patients. 268

- SPENCER AJ, ROBERTS-THOMSON KF. See Roberts-Thomson KF, Spencer AJ.

### SPREAD

- Sugerman PB, Savage NW. Current concepts in oral cancer. 147

- STANBRIDGE V, SANSON-FISHER R, CLOVER K, HAZELL T. See Clover K, Hazell T, Stanbridge V, Sanson-Fisher R.

### STRUCTURE

- Tennant M, McGeachie JK. Australian dental schools: Moving towards the 21st century. 238

- SUGERMAN PB, SAVAGE NW. Current concepts in oral cancer. 147

### 'SUN RAY' APPEARANCE

- Ogunsalu C, Smith NJD. Metastatic neuroblastoma of the mandible mimicking osteogenic sarcoma radiologically. Case report. 207

- SURBER C, BIRCHER AJ. See Bircher AJ, Surber C.

### SURGERY

- Vudiniabola S, Pirone C, Williamson J, Goss AN. Hyperbaric oxygen in the prevention of osteoradionecrosis of the jaws. 243

### SURVEY

- Clover K, Hazell T, Stanbridge V, Sanson-Fisher R. Dentists' attitudes and practice regarding smoking. 46

- John V, Brearley Messer L, Arora R, Fung S, Hatzis E, Nguyen T, San A, Thomas K. Child abuse and dentistry: A study of knowledge and attitudes among dentists in Victoria, Australia. 259

Roberts-Thomson KF, Spencer AJ.  
Public knowledge of the prevention of  
dental decay and gum diseases. 253

## T

TAJI SS, HUNT DR, MCINTYRE J.  
Electron probe microanalysis of  
surface mineral changes in dental  
enamel produced by acidic soft drinks.  
S19

## TEMPERATURE MONITORING

McNally KM, Gillings BRD, Dawes JM.  
Dye-assisted diode laser ablation of  
carious enamel and dentine. 169

## TEMPORARY CROWN

Chan RW. Integrating the surgical and  
prosthodontic stages of implant therapy  
with a sterile implant position registra-  
tion. 200

## TEMPOROMANDIBULAR JOINT DERANGEMENTS

Curtis N. Temporomandibular joint  
arthroscopy. (Letter to the Editor.)  
285

Rosenberg I, Goss AN. The outcome of  
arthroscopic treatment of temporo-  
mandibular joint arthropathy. 106

TENNANT M, McGEACHIE JK.  
Australian dental schools: Moving  
towards the 21st century. 238

TENNANT M, MARTIN-IVERSON N,  
PHATOUIROS A. See Martin-Iverson  
N, Phatouros A, Tennant M.

## THERAPY

Sugerman PB, Savage NW. Current  
concepts in oral cancer. 147

## THERAPY PROGRAMME

Smyth JS. A programme for the treatment  
of severe dental fear. Report of three  
cases. 275

## THIRD MOLARS

Godfrey K. Prophylactic removal of  
asymptomatic third molars: A review.  
233

Yamaoka M, Furusawa K, Ikeda M,  
Hasegawa T. Root resorption of  
mandibular second molar teeth associ-  
ated with the presence of the third  
molars. 112

THOMAS K, JOHN V, BREARLEY  
MESSER L, ARORA R, FUNG S,  
HATZIS E, NGUYEN T, SAN A. See  
John V, Brearley Messer L, Arora R,  
Fung S, Hatzis E, Nguyen T, San A,  
Thomas K.

THUMWANIT V, KEDJARUNE U.  
Cytotoxicity of polymerized commercial  
cyanoacrylate adhesive on cultured  
human oral fibroblasts. 248

## THYROID CARCINOMA

Anil S, Lal PM, Gill DS, Beena VT.  
Metastasis of thyroid carcinoma to the  
mandible. Case report. 56

TIDEMAN H, CLARK RKF, SAMMAN N,  
LUK WK, CHOW TW, CHEUNG LK.  
See Samman N, Luk WK, Chow TW,  
Cheung LK, Tideman H, Clark RKF.

## TITANIUM

Samman N, Luk WK, Chow TW,  
Cheung LK, Tideman H, Clark RKF.  
Custom-made titanium mandibular  
reconstruction tray. 195

## TOBACCO USE

Clover K, Hazell T, Stanbridge V,  
Sanson-Fisher R. Dentists' attitudes  
and practice regarding smoking. 46

TONG AC-K, LEUNG AC-F, CHENG  
JC-F, SHAM J. Incidence of compli-  
cated healing and osteoradionecrosis  
following tooth extraction in patients  
receiving radiotherapy for treatment of  
nasopharyngeal carcinoma. 187

## TOOTH EXTRACTION

Tong AC-K, Leung AC-F, Cheng JC-F,  
Sham J. Incidence of complicated  
healing and osteoradionecrosis following  
tooth extraction in patients receiving  
radiotherapy for treatment of  
nasopharyngeal carcinoma. 187

## TOOTH WEAR

Khan F, Young WG, Shahabi S, Daley TJ.  
Dental cervical lesions associated with  
occlusal erosion and attrition. 176

## TOXICITY

Lan WC, Lan WH, Chan CP, Hsieh CC,  
Chang MC, Jeng JH. The effects of  
extracellular citric acid acidosis on the  
viability, cellular adhesion capacity  
and protein synthesis of cultured  
human gingival fibroblasts. 123

TRAN A, PERDIGAO J, SWIFT Jr EJ, NGO  
H. Effects of carbamide and hydrogen  
peroxide on enamel composition. S19

TSAI PL, HSIAO TH, CHANG HP, LIN  
LM, LIU KM, YU HS, FERGUSON  
D, HSU JW. See Hsu JW, Tsai PL,  
Hsiao TH, Chang HP, Lin LM, Liu  
KM, Yu HS, Ferguson D.

## TYPE IV COLLAGEN

Wilson DF, De-Jun J, Pierce AM,  
Wiebkin OW. Oral cancer: Role of the  
basement membrane in invasion. 93

## U

UGBOKOVI, NDUKWE KC, ADELUSOLA  
KA, DUROSINMI MA. Burkitt's  
lymphoma presenting as lower lip  
paraesthesia in a 24 year old Nigerian.  
Case report. 58

## V

## VERTICAL FRACTURES

Moule AJ, Kahler B. Diagnosis and  
management of teeth with vertical root  
fractures. 75

VUDINIABOLA S, PIRONE C,  
WILLIAMSON J, GOSS AN.  
Hyperbaric oxygen in the prevention  
of osteoradionecrosis of the jaws. 243

## W

WEI SH. Resin ionomer restorative materials  
for children: A review. Author's reply.  
(Letter to the Editor.) 285

WEI SHY, HSE KMY, LEUNG SK. See  
Hse KMY, Leung SK, Wei SHY.

WHITEHEAD MG, BROCKHURST PJ,  
MOULE AJ, LAM TV, LEWIS DJ,  
ATKINS DR, MACFARLANE RH,  
CLARKSON RM. See Lam TV,  
Lewis DJ, Atkins DR, Macfarlane RH,  
Clarkson RM, Whitehead MG,  
Brockhurst PJ, Moule AJ.

WIEBKIN OW, WILSON DF, DE-JUN J,  
PIERCE AM. See Wilson DF, De-Jun  
J, Pierce AM, Wiebkin OW.

WILLIAMS D, LEDITSCHKE F, ACTON  
C, NIXON J, PEARN J. See Acton C,  
Nixon J, Pearn J, Williams D,  
Leditschke F.

WILLIAMSON J, GOSS AN,  
VUDINIABOLA S, PIRONE C. See  
Vudiniabola S, Pirone C, Williamson J,  
Goss AN.

WILSON DF, DE-JUN J, PIERCE AM,  
WIEBKIN OW. Oral cancer: Role of the  
basement membrane in invasion.  
93

WORAPAMORN W, LI H, HASSE HR,  
PUJIC Z, GIRGES AA, BARTOLD  
PM. Cell surface proteoglycan  
expression by human periodontal  
cells. S11

## Y

YAMAOKA M, FURUSAWA K, IKEDA M,  
HASEGAWA T. Root resorption of  
mandibular second molar teeth associ-  
ated with the presence of the third  
molars. 112

YAN F, MARSHALL R, WYNNE S, XIAOY,  
BARTOLD PM. Glycosamino-glycans  
in gingival crevicular fluid of patients  
with periodontal degree II furcation  
involvement before and after guided  
tissue regeneration. S12

YAN YH, CHEN YK, LIN CC, LIN LM.  
See Chen YK, Lin CC, Lin LM, Yan  
YH.

YOUNG WG, SHAHABI S, DALEY TJ,  
KHAN F. See Khan F, Young WG,  
Shahabi S, Daley TJ.

YU HS, FERGUSON D, HSU JW, TSAI  
PL, HSIAO TH, CHANG HP, LIN  
LM, LIU KM. See Hsu JW, Tsai PL,  
Hsiao TH, Chang HP, Lin LM, Liu  
KM, Yu HS, Ferguson D.



